

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Flag-Redfern Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 23, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FNL & 1980' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles east of Crossroads, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1220'

19. PROPOSED DEPTH

5100'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3972'

22. APPROX. DATE WORK WILL START*

November 1, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	28# K-55	350'	250 sx.
7-7/8"	4-1/2"	9.5# K-55	5100'	250 sx.

Drill 12-1/4" hole from surface to approximately 350'. Run and set 8-5/8" casing and cement to surface with 250 sacks Class "C" with 2% CaCl. Drill 7-7/8" hole to approximately 5100'. Run open hole logs. Run and set 4-1/2" casing and cement with 250 sacks Class "H" Poz with 2% gel, 0.75% CFR-2, 8 lbs salt per sack. Run correlation logs and perforate San Andres formation. Treat with acid. Swab to test. Potential well.

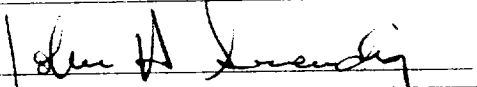
Mud Program: 0- 375' Native Mud
375-4850' Native Mud and Oil
4850-T.D. Starch, Oil Emulsion

Blowout Preventers: Shaffer 10" - Series 900 - Installed on surface pipe.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE Petroleum Engineer

DATE October 15, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
NOV 1 1974

*See Instructions On Reverse Side

ARTHUR R. BROWN
DISTRICT ENGINEER